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FEET TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT **(\$)** **0.00**

Complete if Known

Application Number	09/852,659
Filing Date	May 11, 2001
First Named Inventor	Steven M. Ruben
Examiner Name	S. Pappu
Group Art Unit	1636
Attorney Docket No.	PZ003P4

TECH CENTER 1600
SEP 20 2002

METHOD OF PAYMENT (check all that apply)				
<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card	<input type="checkbox"/> Money Order	<input type="checkbox"/> Other	<input type="checkbox"/> None
<input checked="" type="checkbox"/> Deposit Account				
Deposit Account Number	08-3425			
Deposit Account Name	Human Genome Sciences, Inc.			
The Commissioner is hereby authorized to: (check all that apply)				
<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input checked="" type="checkbox"/> Credit any overpayments			
<input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application				
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.				

FEE CALCULATION (continued)

3. ADDITIONAL FEES

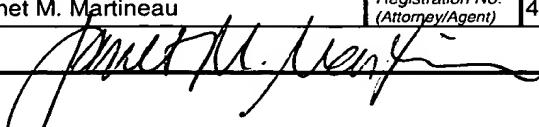
Large Entity	Small Entity	Fee Description	Fee Paid
105	130	205 65 Surcharge - late filing fee or oath	
127	50	227 25 Surcharge - late provisional filing fee or cover sheet.	
139	130	139 130 Non-English specification	
147	2,520	147 2,520 For filing a request for <i>ex parte</i> reexamination	
112	920*	112 920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
115	110	215 55 Extension for reply within first month	
116	400	216 200 Extension for reply within second month	
117	920	217 460 Extension for reply within third month	
118	1,440	218 720 Extension for reply within fourth month	
128	1,960	228 980 Extension for reply within fifth month	
119	320	219 160 Notice of Appeal	
120	320	220 160 Filing a brief in support of an appeal	
121	280	221 140 Request for oral hearing	
138	1,510	138 1,510 Petition to institute a public use proceeding	
140	110	240 55 Petition to revive - unavoidable	
141	1,280	241 640 Petition to revive - unintentional	
142	1,280	242 640 Utility issue fee (or reissue)	
143	460	243 230 Design issue fee	
144	620	244 310 Plant issue fee	
122	130	122 130 Petitions to the Commissioner	
123	50	123 50 Processing fee under 37 CFR 1.17(q)	
126	180	126 180 Submission of Information Disclosure Stmt	
581	40	581 40 Recording each patent assignment per property (times number of properties)	
146	740	246 370 Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249 370 For each additional invention to be examined (37 CFR 1.129(b))	
179	740	279 370 Request for Continued Examination (RCE)	
169	900	169 900 Request for expedited examination of a design application	
Other fee (specify)			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

FEE CALCULATION																			
1. BASIC FILING FEE																			
Large Entity	Small Entity																		
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid																
101 740	201 370	Utility filing fee																	
106 330	206 165	Design filing fee																	
107 510	207 255	Plant filing fee																	
108 740	208 370	Reissue filing fee																	
114 160	214 80	Provisional filing fee																	
SUBTOTAL (1) (\$)			0.00																
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE																			
<table border="1"> <tr> <td>Total Claims</td> <td>34</td> <td>-34** =</td> <td><input type="text"/></td> <td><input type="text"/> x <input type="text"/> = <input type="text"/> 0.00</td> </tr> <tr> <td>Independent Claims</td> <td>5</td> <td>-5** =</td> <td><input type="text"/></td> <td><input type="text"/> x <input type="text"/> = <input type="text"/> 0.00</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td><input type="text"/></td> <td>= <input type="text"/></td> </tr> </table>					Total Claims	34	-34** =	<input type="text"/>	<input type="text"/> x <input type="text"/> = <input type="text"/> 0.00	Independent Claims	5	-5** =	<input type="text"/>	<input type="text"/> x <input type="text"/> = <input type="text"/> 0.00	Multiple Dependent			<input type="text"/>	= <input type="text"/>
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Independent Claims	5	-5** =	<input type="text"/>	<input type="text"/> x <input type="text"/> = <input type="text"/> 0.00															
Multiple Dependent			<input type="text"/>	= <input type="text"/>															
Large Entity	Small Entity																		
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid																
103 18	203 9	Claims in excess of 20																	
102 84	202 42	Independent claims in excess of 3																	
104 280	204 140	Multiple dependent claim, if not paid																	
109 84	209 42	** Reissue independent claims over original patent																	
110 18	210 9	** Reissue claims in excess of 20 and over original patent																	
SUBTOTAL (2) (\$)			0.00																

** or number previously paid, if greater; For Reissues, see above

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Janet M. Martineau	Registration No. (Attorney/Agent)	46,903	Telephone (301) 315-2723
Signature				Date September 6, 2002

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Docket No.: PZ003P4

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Ruben et al.

Application No.: 09/852,659

Group Art Unit: 1636

Filed: May 11, 2001

Examiner: Pappu, S.

For: 28 Human Secreted Proteins

REQUEST FOR CORRECTED FILING RECEIPT

Office of Initial Patent Examination Customer Service Center
Commissioner for Patents
Washington, DC 20231

Dear Sir:

Applicants hereby request that a corrected Filing Receipt be issued in the above-identified patent application. The Updated Filing Receipt received by Applicants (Confirmation No. 5111), a copy of which is attached hereto with the requested corrections marked in red, has the following errors:

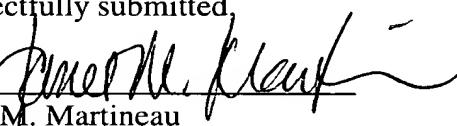
1. Under the heading Domestic priority data as claimed by applicant, please change "WHICH CLAIMS BENEFIT OF 60/256,583 12/19/2000 *" to read,
-- WHICH CLAIMS BENEFIT OF 60/265,583 02/02/2001 --.

In support of the above request, Applicants hereby submit a copy of the first page of the Specification (*See*, first paragraph) and a copy of the Unexecuted Declaration (*See*, first row of table on page 1) as filed on May 11, 2001. Applicants further submit a copy of the PTO date-stamped postcard evidencing receipt of the Specification and Unexecuted Declaration on May 11, 2001, the date of the filing of the application.

Applicant additionally requests that all pertinent U.S. Patent and Trademark Office records relating to the subject application be changed to reflect this correction.

Dated: September 6, 2002

Respectfully submitted,

By 

Janet M. Martineau

Registration No.: 46,903

(301) 315-2723

Attorneys for Applicant

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1

28 Human Secreted Proteins

This application claims benefit under 35 U.S.C. 119(e) from U.S. Provisional Patent Application Serial No. 60/265,583 filed February 2, 2001; and this application is a continuation-in-part of, and claims benefit under 35 U.S.C. § 120 of copending 5 United States patent application Serial No. 09/152,060, filed September 11, 1998, which is a continuation-in-part of, and claims benefit under 35 U.S.C. § 120 of copending International Application No. PCT/US98/04858, filed March 12, 1998, each of which are hereby incorporated by reference, which claims benefit under 35 U.S.C. § 119(e) based on U.S. Provisional Applications which are herein incorporated 10 by reference:

	Filing Date	Appln Number
1.	14-Mar-1997	60/040,762
2.	14-Mar-1997	60/040,710
3.	30-May-1997	60/050,934
4.	30-May-1997	60/048,100
5.	30-May-1997	60/048,357
6.	30-May-1997	60/048,189
7.	05-Sep-1997	60/057,765
8.	06-Jun-1997	60/048,970
9.	19-Dec-1997	60/068,368

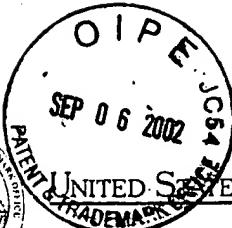
Field of the Invention

This invention relates to newly identified polynucleotides, polypeptides encoded by these polynucleotides, antibodies that bind these polypeptides, uses of 15 such polynucleotides, polypeptides, and antibodies, and their production.

Background of the Invention

Unlike bacterium, which exist as a single compartment surrounded by a membrane, human cells and other eucaryotes are subdivided by membranes into many functionally distinct compartments. Each membrane-bounded compartment, or 20 organelle, contains different proteins essential for the function of the organelle. The cell uses "sorting signals," which are amino acid motifs located within the protein, to target proteins to particular cellular organelles.

One type of sorting signal, called a signal sequence, a signal peptide, or a leader sequence, directs a class of proteins to an organelle called the endoplasmic



CORRECTED COPY

Page 1 of 2

UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/852,659	05/11/2001	1632	974	PZ003P4		23	4

22195
HUMAN GENOME SCIENCES INC
9410 KEY WEST AVENUE
ROCKVILLE, MD 20850

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SEP 20 2002

TECH CENTER 1600/2900

CONFIRMATION NO. 5111

UPDATED FILING RECEIPT



OC000000007109800

Date Mailed: 11/23/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

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Paul E. Young, Gaithersburg, MD;
John M. Greene, Gaithersburg, MD;
Ann M. Ferrie, Tewksbury, MA;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A CIP OF 09/152,060 09/11/1998
WHICH CLAIMS BENEFIT OF 60/256,583 12/19/2000 ← ← 60/265,583 02/02/2001
AND A CIP OF PCT/US98/04858 03/12/1998
WHICH CLAIMS BENEFIT OF 60/040,762 03/14/1997
AND CLAIMS BENEFIT OF 60/040,710 03/14/1997
AND CLAIMS BENEFIT OF 60/050,934 05/30/1997
AND CLAIMS BENEFIT OF 60/048,100 05/30/1997
AND CLAIMS BENEFIT OF 60/048,357 05/30/1997
AND CLAIMS BENEFIT OF 60/048,189 05/30/1997
AND CLAIMS BENEFIT OF 60/057,765 09/05/1997
AND CLAIMS BENEFIT OF 60/048,970 06/06/1997
AND CLAIMS BENEFIT OF 60/068,368 12/19/1997
(*) Data inconsistent with PTO records.

Foreign Applications

If Required, Foreign Filing License Granted 07/19/2001

Projected Publication Date: 02/28/2002

Non-Publication Request: No

Early Publication Request: No

Title

28 human secreted proteins

Preliminary Class

514

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).